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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/981,947

DATE: 01/26/2002

TIME: 14:16:48

Input Set : N:\Crf3\RULE60\09981947.raw
Output Set: N:\CRF3\01252002\1981947.raw

SEQUENCE LISTING

```
1 (1) GENERAL INFORMATION:
             (i) APPLICANT: Tartaglia, Louis A.
      3
                            Weng, Xun
            (ii) TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING
      4
      5
                                      GLUTEX AND USES THEREOF
           (iii) NUMBER OF SEQUENCES: 10
      7
            (iv) CORRESPONDENCE ADDRESS:
      8
                  (A) ADDRESSEE: Fish & Richardson P.C.
                  (B) STREET: 225 Franklin Street
      9
     10
                  (C) CITY: Boston
                  (D) STATE: MA
     11
                                                            ENTERED
                  (E) COUNTRY: USA
     12
                  (F) ZIP: 02110-2804
     13
             (v) COMPUTER READABLE FORM:
     14
                  (A) MEDIUM TYPE: Diskette
     15
                  (B) COMPUTER: IBM Compatible
     16
     17
                  (C) OPERATING SYSTEM: Windows95
                  (D) SOFTWARE: FastSEQ for Windows Version 2.0
     18
     19
            (vi) CURRENT APPLICATION DATA:
                  (A) APPLICATION NUMBER: US/09/981,947
C--> 20
                  (B) FILING DATE: 18-Oct-2001
C--> 21
     22
           (vii) PRIOR APPLICATION DATA:
     23
                  (A) APPLICATION NUMBER: 09/610,417
     24
                  (B) FILING DATE:
     25
          (viii) ATTORNEY/AGENT INFORMATION:
                  (A) NAME: Meiklejohn, Ph.D., Anita L.
     26
     27
                  (B) REGISTRATION NUMBER: 35,283
                  (C) REFERENCE/DOCKET NUMBER: 07334/072002
     28
            (ix) TELECOMMUNICATION INFORMATION:
     29
     30
                  (A) TELEPHONE: 617/542-5070
                  (B) TELEFAX: 617/542-8906
     31
     32
                  (C) TELEX: 200154
     33 (2) INFORMATION FOR SEQ ID NO: 1:
             (i) SEQUENCE CHARACTERISTICS:
     35
                  (A) LENGTH: 2343 base pairs
     36
                  (B) TYPE: nucleic acid
     37
                  (C) STRANDEDNESS: single
     38
                  (D) TOPOLOGY: linear
     39
            (ii) MOLECULE TYPE: cDNA
     40
            (ix) FEATURE:
     41
                  (A) NAME/KEY: Coding Sequence
     42
                  (B) LOCATION: 73...1761
```



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Input Set : N:\Crf3\RULE60\09981947.raw
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43 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:																	
44	TCGACCCACG CGTCCGGCCT TGGCAGAGTC TGGGGTCCCT GGACTGAGCC ATCAGCTGGG														60		
45	TCACTGAGAC CC ATG GCA AGG AAA CAA AAT AGG AAT TCC AAG GAA CTG GGC															111	
46				Ме	et A	La A	rg Ly	rs G	ln As	sn Ai	rg As	sn Se	er Ly	ys G	lu Le	eu Gly	
47					1				5		-			10			
48	CTA	GTT	CCC	CTC	ACA	GAT	GAC	ACC	AGC	CAC	GCC	GGG	CCT	CCA	GGG	CCA	159
49	Leu	Val	Pro	Leu	Thr	Asp	Asp	Thr	Ser	His	Ala	Gly	Pro	Pro	Gly	Pro	
50		15				_	20					25					
51	GGG	AGG	GCA	CTG	CTG	GAG	TGT	GAC	CAC	CTG	AGG	AGT	GGG	GTG	CCA	GGT	207
52	Gly	Arg	Ala	Leu	Leu	Glu	Cys	Asp	His	Leu	Arg	Ser	Gly	Val	Pro	Gly	
53	30					35					40					45	
54	GGA	AGG	AGA	AGA	AAG	GAC	TGG	TCC	TGC	TCG	CTC	CTC	GTG	GCC	TCC	CTC	255
55	Gly	Arg	Arg	Arg	Lys	Asp	Trp	Ser	Cys	Ser	Leu	Leu	Val	Ala	Ser	Leu	
56					50					55					60		
57	GCG	GGC	GCC	TTC	GGC	TCC	TCC	TTC	CTC	TAC	GGC	TAC	AAC	CTG	TCG	GTG	303
58	Ala	Gly	Ala	Phe	Gly	Ser	Ser	Phe	Leu	Tyr	Gly	Tyr	Asn	Leu	Ser	Val	
59				65					70					75			
60	GTG	AAT	GCC	CCC	ACC	CCG	TAC	ATC	AAG	GCC	TTT	TAC	AAT	GAG	TCA	TGG	351
61	Val	Asn	Ala	Pro	Thr	Pro	Tyr			Ala	Phe	Tyr	Asn	Glu	Ser	Trp	
62			80					85	•				90				
63	GAA	AGA	AGG	CAT	GGA	CGT	CCA	ATA	GAC	CCA	GAC	ACT	CTG	ACT	CTG	CTC	399
64	Glu	Arg	Arg	His	Gly	Arg	Pro	Ile	Asp	Pro	Asp	Thr	Leu	Thr	Leu	Leu	
65		95					100					105					
66		TCT															447
67	\mathtt{Trp}	Ser	Val	Thr	Val		Ile	Phe	Ala	Ile	Gly	Gly	Leu	Val	Gly		
68	110					115					120					125	
69		ATT															495
70	Leu	Ile	Val	Lys		Ile	Gly	Lys	Val		Gly	Arg	Lys	His		Leu	
71		<u> </u>			130					135			~=~		140	maa	F43
72		GCC															543
73	Leu	Ala	Asn		GTA	Phe	Ala	Пе		Ala	Ala	Leu	Leu		Ala	Cys	
74 75	maa	ama	G 3 G	145	CC3	000	mmm	C 3 3	150	ama	3 000	cmc	CCA	155	mma	» ma	E01
75 76		CTC															591
76	ser	Leu		Ala	GIY	Ата	Pne		Met	Leu	TTE	val	_	Arg	Pne	iie	
77 78	a mc	GGC.	160	CAM	CCA	cca	CMC	165	CMC.	N C III	СШС	cmc.	170	N III C	шх С	CIDC	639
76 79																	033
80	Met	Gly 175	TIE	ASP	СТУ	GLY	180	ніа	пеп	Set	val	185	PIO	Met	тут	пеп	
81	አርጥ	GAG	አመሮ	חר א	CCC	λλC		አ ጥር	ССП	CCC	ጥረጥ		ccc	CNG	стс	х СШ	687
82		Glu															007
83	190	GIU	116	261	FIO	195	Gru	110	AIG	GTY	200	пец	GLY	GIII	Val	205	
84		ATC	աարա	አ ጥሮ	ጥርር		GGC	стс	መመረ	ΔСΨ		CAG	СФФ	СПС	GGC		735
85		Ile															, 55
86	AIG		1110		210		011	, u	1 .10	215	O+1	0111	Leu	Lou	220		
87	CCC	GAG	стс	СТС		AAG	GAG	ΔСΨ	ACC		CCA	ሞልሮ	СТС	արար		GTG	783
88		Glu															, 03
89		J_4		225	1	_, _			230			-1-		235	1		
90	ATT	GTG	GTC		GCC	GTT	GTC	CAG		CTG	AGC	CTT	CCC		CTC	CCG	831
91		Val															



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Input Set : N:\Crf3\RULE60\09981947.raw
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92			240					245					250				
93	GAC A	AGC		CGC	TAC	СTG	CTC		GAG	AAG	CAC	AAC		GCA	AGA	GCT	879
94	Asp																
95	_	255		5	-1-		260			_1_		265			5		
96	GTG Z		GCC	ттс	CAA	ACG		ттG	GGT	AAA	GCA		GTT	TCC	CAA	GAG	927
97	Val :																
98	270	_,_			· · · ·	275				_1_	280	<u>-</u> -			÷ =	285	
99	GTA (GAG	GAG	GTC	СТС		GAG	AGC	CAC	GTG		AGG	AGC	ATC	CGC		975
100														_		, Leu	
101	741	0_0			290					295					300		
102	GTG	TCC	GTG	СТС			СТС	AGA	GCT			GTC	CGC	TGG	CAC	GTG	1023
103																val	
104				305					310		-1-			315			
105	GTC	ACC	GTG			. ACC	: ATG	GCC			CAG	CTC	TGT			AAT	1071
106																ı Asn	
107			320					325	_				330				
108	GCA	АТТ			TAT	' ACC	: AAC			TTT	GGA	AAA	GCT	GGG	ATC	CCT	1119
109																Pro	
110		335	-	• • • • •	-1-		340				1	345		1			
111	CCG			ATC	CCA	TAC			TTC	AGT	ACA	GGG	GGC	ATC	GAG	ACT	1167
112																ı Thr	
113	350					355					360		-			365	
114		GCT	GCC	GTC	TTC			TTC	GTO	ATT	' GAG	CAC	CTG	GGA	CGG	AGA	1215
115																Arg	
116					370		2			375				-	380		
117	CCC	CTC	CTC	ATT			TTT	' GGG	CTC	ATG	GGC	CTC	TTC	TTT	' GGG	ACC	1263
118																Thr	
119				385	_	-		-	390		_			395			
120	CTC	ACC	ATC	ACG	CTG	ACC	CTG	CAC	GAC	CAC	GCC	ccc	TGG	GTC	ccc	TAC	1311
121	Leu	Thr	Ile	Thr	Leu	Thr	Leu	Glr	a Asp	His	Ala	Pro	Trp	Val	. Pro	Tyr	
122			400					405	-				410				
123	CTG	AGT	ATC	GTG	GGC	: ATT	CTG	GCC	ATO	ATC	GCC	TCI	TTC	TGC	AGI	GGG	1359
124	Leu	Ser	Ile	Val	Gly	Ile	Leu	Ala	ı Ile	e Ile	Ala	Ser	Phe	Cys	Ser	Gly	
125		415	;				420)				425	5				
126	CCA	GGT	' GGC	ATC	CCG	TTC	ATC	TTC	ACT	GGI	GAC	TTC	TTC	CAG	CAA	A TCT	1407
127	Pro	Gly	Gly	Ile	Pro	Phe	: Ile	Let	ı Thi	Gly	Glu	Phe	Phe	Gln	Glr	n Ser	
128	430					435	;				440)				445	
129	CAG	CGG	CCG	GCT	GCC	TTC	ATC	LTA:	GCA	4 GGC	ACC	GTC	AAC	TGG	CTC	TCC	1455
130	Gln	Arg	Pro	Ala	Ala	Phe	Ile	: Ile	e Ala	Gly	Thr	Val	Asn	Trp	Let	ı Ser	
131					450)				455	;				460)	
132	AAC	TTT	GCT	GTT	GGG	CTC	CTC	TTC	CCA	A TTC	TTA:	CAG	; AAA	AGI	CTC	GAC	1503
133	Asn	Phe	Ala	Val	Gly	Leu	Leu	Phe	e Pro	Phe	: Ile	Gln	Lys	Ser	Leu	1 Asp	
134				465					470)				475	5		
135																ATC	1551
136	Thr	Tyr	Cys	Phe	Leu	Val	Phe	Ala	Thi	: Ile	Cys	Ile	: Thr	Gly	Ala	ılle	
137			480)				485	5				490)			
138																A GAA	1599
139	Tyr	Leu	Tyr	Phe	Val	. Leu	Pro	Glu	ı Thi	Lys	Asn	_		Tyr	Ala	a Glu	
140		495	,				500)				505	5				

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Input Set : N:\Crf3\RULE60\09981947.raw
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		1647
142	Ile Ser Gln Ala Phe Ser Lys Arg Asn Lys Ala Tyr Pro Pro Glu Glu510515520525	
143 144		1695
145	Lys Ile Asp Ser Ala Val Thr Asp Ala Pro Ala Ser Ser Pro Phe Thr	-000
146	530 535 540	
147		1743
148	Thr Pro Asn Thr Ala Trp Ile Gln Ala Ala Ala Thr Thr Ala Thr	
149	545 550 555	
150	AAA AAA GAA CAC CCA TTG TAAACGGTCA TGTGGTATTT CCTCAACCTG GAATGACC	1799
151	Lys Lys Glu His Pro Leu	
152	560	
153		1859
154		1919
155		1979 2039
156		2039
157 158		2159
159	1011011001110 0100011111011 10010111111 111111	2219
160		2279
161		2339
162		2343
164 (2)	INFORMATION FOR SEQ ID NO: 2:	
165	(i) SEQUENCE CHARACTERISTICS:	
166	(A) LENGTH: 563 amino acids	
167	(B) TYPE: amino acid	
	, <i>,</i>	
168	(D) TOPOLOGY: linear	
169	(ii) MOLECULE TYPE: protein	
169 170	(ii) MOLECULE TYPE: protein(v) FRAGMENT TYPE: internal	
169 170 171	(ii) MOLECULE TYPE: protein(v) FRAGMENT TYPE: internal(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:	
169 170 171 172	(ii) MOLECULE TYPE: protein(v) FRAGMENT TYPE: internal(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro	
169 170 171 172 173	<pre>(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro</pre>	
169 170 171 172 173 174	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1 5 10 15 Leu Thr Asp Asp Thr Ser His Ala Gly Pro Pro Gly Pro Gly Arg Ala	
169 170 171 172 173	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1 5 10 15 Leu Thr Asp Asp Thr Ser His Ala Gly Pro Pro Gly Pro Gly Arg Ala	
169 170 171 172 173 174	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1 5 10 15 Leu Thr Asp Asp Thr Ser His Ala Gly Pro Pro Gly Pro Gly Arg Ala 20 25 30	
169 170 171 172 173 174 175	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1 5 10 15 Leu Thr Asp Asp Thr Ser His Ala Gly Pro Pro Gly Pro Gly Arg Ala 20 25 30 Leu Leu Glu Cys Asp His Leu Arg Ser Gly Val Pro Gly Gly Arg Arg	
169 170 171 172 173 174 175 176	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1 5 10 15 Leu Thr Asp Asp Thr Ser His Ala Gly Pro Pro Gly Pro Gly Arg Ala 20 25 30 Leu Leu Glu Cys Asp His Leu Arg Ser Gly Val Pro Gly Gly Arg Arg 35 40 45	
169 170 171 172 173 174 175 176 177	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1 5 10 15 Leu Thr Asp Asp Thr Ser His Ala Gly Pro Pro Gly Pro Gly Arg Ala 20 25 30 Leu Leu Glu Cys Asp His Leu Arg Ser Gly Val Pro Gly Gly Arg Arg 35 40 45 Arg Lys Asp Trp Ser Cys Ser Leu Leu Val Ala Ser Leu Ala Gly Ala 50 55 60 Phe Gly Ser Ser Phe Leu Tyr Gly Tyr Asn Leu Ser Val Val Asn Ala	
169 170 171 172 173 174 175 176 177 178 179 180	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181 182 183	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	
169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187	(ii) MOLECULE TYPE: protein (v) FRAGMENT TYPE: internal (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: Met Ala Arg Lys Gln Asn Arg Asn Ser Lys Glu Leu Gly Leu Val Pro 1	

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Output Set: N:\CRF3\01252002\I981947.raw

																1.00
191	145					150			_	_	155					160
192	Ala	Gly	Ala	Phe		Met	Leu	Ile	Val		Arg	Phe-	Ile	Met		IIe
193					165					170					175	
194	Asp	Gly	Gly	Val	Ala	Leu	Ser	Val	Leu	Pro	Met	\mathtt{Tyr}	Leu	Ser	Glu	Ile
195				180					185					190		
196	Ser	Pro	Lys	Glu	Ile	Arg	Gly	Ser	Leu	Gly	Gln	Val	Thr	Ala	Ile	Phe
197			195					200					205			
198	Ile	Cys	Ile	Gly	Val	Phe	Thr	Gly	Gln	Leu	Leu	Gly	Leu	Pro	Glu	Leu
199		210		_			215	-				220				
200	Leu	Gly	Lys	Glu	Ser	Thr	Trp	Pro	Tyr	Leu	Phe	Gly	Val	Ile	Val	Val
201	225	-	•			230	_		_		235	_				240
202		Ala	Val	Val	Gln	Leu	Leu	Ser	Leu	Pro	Phe	Leu	Pro	Asp	Ser	Pro
203					245					250				-	255	
204	Ara	Tyr	Len	Len		Glu	Lvs	His	Asn		Ala	Ara	Ala	Val	Lvs	Ala
205	**** 9	-1-	LCu	260			-10		265			5		270	-1 -	
206	Dhe	Gln	Thr		T.e.11	G] v	Lvc	Δla		Val	Ser	Gln	Glu		Glu	Glu
207	FILE	GIII	275	FIIC	пец	GIY	шуз	280	изъ	vul	501	01	285	, 41	014	
	37-3	Leu		C1.,	Cor	иiс	37 a 1		λrα	Sor	Tla	λνα		Va l	Ser	Va 1
208	vai		АІА	GIU	ser	птъ	295	GIII	Arg	261	116	300	пец	Val	DCI	Val
209	.	290	T	T	3	31.		M	170 1	7 ~~	m~~		17-1	Wa I	mh ~	Wa I
210		Glu	Leu	ьeu	Arg		Pro	туг	Val	Arg		GIII	Val	vai	TIII	320
211	305	1	m1	36 -4		310	m	61 =	T		315	T 0.11	N a n	7.1 ~	T10	
212	шe	Val	Thr	мет		Cys	Tyr	GIN	ьeu		GIY	ьеи	ASII	Ата		TIP
213		_		_	325				_	330	a 1	-1-	5	D	335	T
214	Phe	Tyr	Thr		Ser	He	Pne	GTĀ		Ата	GLY	шe	Pro		Ala	гуѕ
215	_			340			_		345					350		- 1 -
216	Ile	Pro	-	Val	Thr	Leu	Ser		GLŸ	GLY	шe	GIU		Leu	Ala	Ата
217			355					360				_	365	_	_	_
218	Val	Phe	Ser	Gly	Leu	Val		Glu	His	Leu	Gly		Arg	Pro	Leu	Leu
219		370					375			_		380		_		
220	Ile	Gly	Gly	Phe	Gly	Leu	Met	Gly	Leu	Phe		Gly	Thr	Leu	Thr	
221	385					390					395					400
222	Thr	Leu	Thr	Leu		Asp	His	Ala	Pro		Val	Pro	\mathtt{Tyr}	Leu		Ile
223					405					410					415	
224	Val	Gly	Ile	Leu	Ala	Ile	Ile	Ala	Ser	Phe	Cys	Ser	Gly	Pro	Gly	Gly
225				420					425					430		
226	Ile	Pro	Phe	Ile	Leu	Thr	Gly	Glu	Phe	Phe	Gln	Gln	Ser	Gln	Arg	Pro
227			435					440					445			
228	Ala	Ala	Phe	Ile	Ile	Ala	Gly	Thr	Val	Asn	Trp	Leu	Ser	Asn	Phe	Ala
229		450					455					460				
230	Val	Gly	Leu	Leu	Phe	Pro	Phe	Ile	Gln	Lys	Ser	Leu	Asp	Thr	Tyr	Cys
231	465					470				_	475					480
232		Leu	Val	Phe	Ala	Thr	Ile	Cys	Ile	Thr	Gly	Ala	Ile	Tyr	Leu	Tyr
233					485			_		490	_			_	495	
234	Phe	Val	Leu	Pro		Thr	Lvs	Asn	Arq	Thr	Tyr	Ala	Glu	Ile	Ser	Gln
235				500			-	_	505		-			510		
236	Ala	Phe	Ser		Ara	Asn	Lvs	Ala		Pro	Pro	Glu	Glu		Ile	Asp
237			515	_1 _			1 -	520					525	•		-
238	Ser	Ala		Thr	Asp	Ala	Pro			Ser	Pro	Phe		Thr	Pro	Asn
239	501	530					535					540				
200		233														

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/981,947

DATE: 01/26/2002 TIME: 14:16:49

Input Set : N:\Crf3\RULE60\09981947.raw
Output Set: N:\CRF3\01252002\1981947.raw

L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:596 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8
L:606 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9
L:617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:647 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10